

Remarks

The above Amendments and these Remarks are in reply to the Office Action mailed March 24, 2006 and the Advisory Action mailed June 19, 2006. A Petition for Extension of Time to Respond is submitted herewith, together with the appropriate fee.

Claims 1-7, 9-16 and 18 were pending in the Application prior to the outstanding Office Action. In the Office Action, the Examiner rejected claims 1-7, 9-16 and 18. The present Reply amends claims 1 and 10, leaving for the Examiner's present consideration claims 1-7, 9-16 and 18. Reconsideration of the rejections is requested.

I. Claim Rejections under 35 U.S.C. § 102

The Examiner rejected Claims 1-7, 9-16 and 18 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,691,175 issued to Lodrige.

Claim 1

Claim 1 has been amended by the present Response to more clearly define the embodiment therein.

As amended, Claim 1 defines:

1. (Currently Amended) A system for passing messages from a first application to a second application in a distributed application server comprising:

a message modulator at a first entity for modulating a message, each modulated message having a flexible message header and a plurality of typed container modules, wherein the modulating a message includes creating the flexible message header and the plurality of typed container modules;

a message receiver at a second entity for demodulating said typed container modules to regenerate said message; and

wherein said flexible message header operates in an edit mode for editing and modulating a message, and in a storage mode for storing a message, wherein in said edit mode, each typed container module, except those containing user data, is prefixed with an attachment unit which comprises pointers to point to the next typed container module and the previous typed container module, and wherein in said storage mode the attachment unit is removed from the typed container modules.

Claim 1 has been amended to more clearly define the embodiment as comprising a message modulator at a first entity for modulating a message, wherein the modulating a message includes creating the flexible message header and the plurality of typed container modules. Applicant respectfully submits that these features are not disclosed by the cited references.

The advantages of the embodiment defined by Claim 1 include having messages that can be handled and communicated with more flexibility than in the past. By using typed container modules, the entire integrity of a message is not affected by dynamically modifying, adding, or removing a typed container module from a message. This can facilitate and minimize the overhead of handling the message content with great flexibility and provide a very simple and efficient way to add new features.

Lodrige discloses techniques for propagating messages between a first software module to a second software module through the use of queues. Lodrige discloses a queuing structure which include a queue header linked with multiple queue containers. In passing a message from the first module to the second module, the message is placed in a queue container in the first module, and the queuing structure is dequeued in order to pass the messages to the second module.

It appears from the above description that, in Lodrige, there is a permanent, already-created queuing structure in a first message module, ready to queue messages to be sent to a second message module. Lodrige does not appear to create a new queuing structure for each message it wants to pass, but merely places each message it wants to pass into a ready-made queuing structure. Multiple messages are contained in each queuing structure, and no queuing structure is created for each individual message.

One difference between the embodiment defined by Claim 1 and Lodrige includes that while Claim 1 defines a system for passing a message, Lodrige describes a structure for storing data. In the embodiment defined by Claim 1, the flexible message header and plurality of typed container modules is a message, while Applicant respectfully submits that the queue in Lodrige is not a message, but is instead a structure for storing messages.

Another difference between the embodiment defined in Claim 1 and Lodrige is that while in Claim 1 a message has a set of flexible message header and a plurality of typed container modules, Lodrige describes a structure that stores multiple messages, where multiple messages share a queue container and a queue header. Applicant respectfully submits that a message in Lodrige does not have a flexible message header and a plurality of typed container modules, but instead each message is contained within a queuing structure, sharing the structure with other messages.

Another difference between the embodiment defined in Claim 1 and Lodrige is that the modulating a message in Claim 1 includes creating a flexible message header and a plurality of typed container modules, while the process of queuing a message in Lodrige does not create any new structure. Applicant respectfully submits that in Lodrige, there is a permanent queuing structure which is not created when a message is queued but simply stores each message within an already present structure.

In view of the comments provided above, Applicant respectfully submits that the embodiment defined by Claim 1 is not anticipated by Lodrige, and reconsideration thereof is respectfully requested.

Claim 10

The comments provided above with respect to Claim 1 are hereby incorporated by reference. Claim 10 has been similarly amended to more clearly define the embodiments therein. For similar reasons as provided above with respect to Claim 1, Applicant respectfully submits that Claim 10, as amended, is likewise not anticipated by the cited reference and reconsideration thereof is respectfully requested.

Claims 2-7, 9, 11-16, and 18

Claims 2-7, 9, 11-16, and 18 are not addressed separately but it is respectfully submitted that these claims are allowable as depending from an allowable independent claim and further in view of the comments provided above. Applicant respectfully submits that Claims 2-7, 9, 11-16, and 18 are similarly neither

anticipated by, nor obvious in view of the cited references, and reconsideration thereof is respectfully requested. It is also respectfully submitted that these claims also add their own limitations which render them patentable in their own right. Applicant respectfully reserves the right to argue these limitations should it become necessary in the future.

II. Conclusion

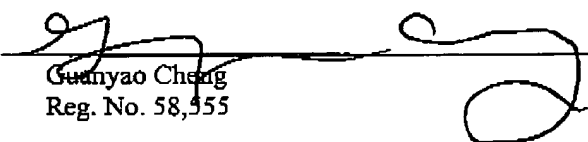
In light of the above, it is respectfully submitted that all of the claims now pending in the subject patent application should be allowable, and reconsideration thereof is requested. The Examiner is respectfully requested to telephone the undersigned if he can assist in any way in expediting issuance of a patent.

Enclosed is a PETITION FOR EXTENSION OF TIME UNDER 37 C.F.R. § 1.136 for extending the time to respond up to and including today, September 25, 2006.

The Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 06-1325 for any matter in connection with this response, including any fee for extension of time, which may be required.

Respectfully submitted,

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